

THE INVENTION CLAIMED

1. A polymeric article comprising a layer of fluoropolymer bonded to a polymeric
5 substrate; said substrate derived from a polymeric blend comprising from about 70 to 90
parts by weight of a polyolefin, 2.0 to 16 parts by weight of a maleic anhydride-olefin
copolymer and 2.0 to 12 parts by weight of a polyamide.
2. The article of Claim 1 wherein the copolymer is a maleic anhydride-ethylene
10 copolymer.
3. The article of Claim 1 wherein the polyolefin is an ethylene polymer present in
the polymeric blend in an amount ranging from about 80 to 90 parts by weight.
- 15 4. The article of Claim 1 wherein the fluoropolymer is polytetrafluoroethylene.
5. The article of Claim 1 wherein the polyolefin is a copolymer of polyethylene, and
the maleic anhydride-olefin is a copolymer of maleic anhydride and polypropylene.
- 20 6. The article of Claim 1 wherein the fluoropolymer layer is laminated to the
polymeric substrate by coextrusion.

7. A polymeric article comprising a layer of fluoropolymer bonded to a polymeric substrate; said substrate derived from a polymeric blend comprising from about 5 to 15 parts by weight of thermoplastic polyurethanes, 40 to 60 parts by weight of isoprene-styrene copolymers, 0.0 to 2.0 parts by weight of phenolic resins, 20 to 40 parts by weight of polyolefins, 2 to 20 parts by weight of polyamides, and 2.0 to 16 parts by weight of maleic anhydride-olefin copolymers.
8. The article of Claim 7 wherein the polyurethanes are present in the blend in an amount of 6 to 12 parts, the isoprene-styrene are present in an amount of 45 to 55 parts, the phenolic resins are present in an amount of 0.5 to 1.5 parts, the polyolefins are present in an amount of 25 to 35 parts, the polyamides are present in an amount of 8 to 16 parts and the maleic anhydride-olefin copolymers are present in an amount of 4 to 10 parts by weight.
9. The article of Claim 6 wherein the article is a fuel hose or tubing having the fluoropolymer as the inside layer.
10. The article of Claim 7 wherein the article is laminated sheet material.
11. The article of Claim 7 wherein the maleic anhydride-olefin copolymer is a copolymer of maleic-anhydride and polyethylene.

12. A process of preparing polymeric articles comprising extruding a layer of fluoropolymer onto a polymeric substrate; said substrate derived from a polymeric blend comprising from about 70 to 90 parts by weight of a polyolefin, 2.0 to 16 parts by weight of a maleic anhydride-olefin copolymer and 2.0 to 12 parts by weight of a polyamide.

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13. The process of Claim 12 wherein the polyolefin is selected from the group consisting of polyethylene and polypropylene.

14. The process of Claim 12 wherein the maleic anhydride-olefin copolymer is a maleic anhydride-ethylene copolymer.

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15. The process of Claim 12 wherein the fluoropolymer is polytetrafluoroethylene.

16. A process of preparing polymeric sheet material which comprises extruding a layer of fluoropolymer onto a polymeric substrate; said substrate derived from a polymeric blend comprising from about 5 to 15 parts by weight of thermoplastic polyurethanes, 40 to 60 parts by weight of isoprene-styrene copolymers, 0.0 to 2.0 parts by weight of phenolic resins, 20 to 40 parts by weight of polyolefins, 2 to 20 parts by weight of polyamides, and 2.0 to 16 parts by weight of maleic anhydride-olefin copolymer.

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17. The process of Claim 16 wherein the fluoropolymer is polytetrafluoroethylene.

18. The process of Claim 16 wherein the polyolefin is polyethylene.

19. The polymeric articles obtained by the process of Claim 12.

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20. The sheet material obtained by the process of Claim 16.